

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 0 | ("first arbiter" same "second arbiter" same ("full duplex" unidirectional)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/04 07:46 |
| L2 | 3 | ("first arbiter" and "second arbiter" and ("full duplex" unidirectional)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/04 07:48 |
| L3 | 101 | (arbit\$5 with ("full duplex" unidirectional)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/04 07:48 |
| L4 | 153 | (710/241.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/04 08:41 |
| L5 | 254 | (710/240.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/04 09:07 |
| L6 | 2 | "6119196".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/04 09:00 |
| L7 | 655 | (370/276.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/04 09:07 |
| S1 | 1056 | ((free idle) with (convert conversion)) same (module device)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/25 07:17 |
| S2 | 4540 | ((free idle) with (packet token))) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/25 07:42 |

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|-----|-----|---|---|----|----|------------------|
| S3 | 30 | ("idle token") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/25 07:17 |
| S4 | 125 | ((free idle) with (packet token) with change)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/25 07:43 |
| S5 | 25 | ((free idle) adj (packet token)) with change)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/25 10:24 |
| S6 | 0 | (710/126.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/25 10:24 |
| S7 | 369 | (710/305.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/25 10:25 |
| S8 | 72 | (710/309.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/25 10:29 |
| S9 | 152 | (710/241.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/25 10:36 |
| S10 | 342 | (710/113.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 14:23 |
| S11 | 545 | (710/107.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/25 10:42 |
| S12 | 447 | (709/225.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/25 10:48 |

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|-----|-----|--|---|----|----|------------------|
| S13 | 150 | (709/251.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/25 10:54 |
| S14 | 47 | (709/252.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/25 10:56 |
| S15 | 120 | (709/253.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/19 15:20 |
| S16 | 22 | US-5541932-\$.DID. OR US-5481681-\$.DID. OR US-5450547-\$.DID. OR US-5375215-\$.DID. OR US-4709364-\$.DID. OR US-4669079-\$.DID. OR US-4488232-\$.DID. OR US-5754807-\$.DID. OR US-0566417-\$.DID. OR US-5627976-\$.DID. OR US-5619661-\$.DID. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 13:38 |
| S17 | 23 | US-5541932-\$.DID. OR US-5481681-\$.DID. OR US-5450547-\$.DID. OR US-5375215-\$.DID. OR US-4709364-\$.DID. OR US-4669079-\$.DID. OR US-4488232-\$.DID. OR US-5754807-\$.DID. OR US-5664117-\$.DID. OR US-5627976-\$.DID. OR US-5619661-\$.DID. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:23 |
| S18 | 0 | wo8001421 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 13:50 |
| S19 | 10 | "8001421" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 13:50 |
| S20 | 771 | (bus same (arbiter arbitration) same packet) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 07:20 |

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| S21 | 404 | (bus with (arbiter arbitration) with packet) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 14:00 |
| S22 | 0 | (bus with (arbiter arbitration) with "dedicated packet") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 09:04 |
| S23 | 1 | ((arbiter arbitration) with "dedicated packet") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 14:00 |
| S24 | 2 | ((arbiter arbitration) same "dedicated packet") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 14:01 |
| S25 | 7 | ((arbiter arbitration) same "grant packet") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 14:07 |
| S26 | 20 | "4709364".URPN. | USPAT | OR | ON | 2004/05/19 14:03 |
| S27 | 87 | ((arbiter arbitration) with grant with packet) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 14:10 |
| S28 | 49 | ((arbiter (arbitration adj (unit device))) with grant with packet) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 14:11 |
| S29 | 63 | ((arbiter (arbitration adj (unit device))) with grant with (packet token)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 14:14 |
| S30 | 10 | ((arbiter (arbitration adj (unit device))) with (grant near3 (packet token))) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 14:16 |
| S31 | 449 | ((arbiter (arbitration adj (unit device))) with (packet token)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 14:16 |

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|-----|-----|--|---|----|----|------------------|
| S32 | 142 | ((arbitrator (arbitration adj (unit device))) near2 (packet token)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 14:20 |
| S33 | 96 | (reservation adj (packet token)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 14:23 |
| S34 | 60 | (grant adj (packet token)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 15:09 |
| S35 | 0 | (dedicated adj (packet token)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 14:41 |
| S36 | 133 | (dedicated adj (packet token)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 14:50 |
| S37 | 396 | (710/113.ccls. 710/309.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 14:50 |
| S38 | 91 | ((710/113.ccls. 710/309.ccls.) and @ad<"19980918") and (packet token) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 14:50 |
| S39 | 72 | (arbitration adj (packet token)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 15:18 |
| S40 | 38 | (token same "grant access") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/20 14:44 |
| S41 | 1 | ("request access" same "send token") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/19 15:56 |

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|-----|-----|---|---|----|----|------------------|
| S42 | 46 | ("circulate token") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/20 14:56 |
| S43 | 22 | ("arbitration token") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/20 15:26 |
| S44 | 1 | ((non\$1destructive adj arbitration) with token) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/20 15:14 |
| S45 | 51 | ("arbitration packet") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/20 15:27 |
| S46 | 590 | ("access packet") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/20 15:32 |
| S47 | 223 | ("access token") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/20 15:36 |
| S48 | 12 | ((central\$4 with arbitrat\$3) same token) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/20 16:01 |
| S49 | 2 | "5488693".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/20 15:53 |
| S50 | 18 | phelps.in. and pixelfusion | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/20 15:49 |
| S51 | 194 | ("request token") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/20 16:07 |

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|-----|------|--|---|----|----|------------------|
| S52 | 0 | ("packet based arbitration") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/20 16:11 |
| S53 | 0 | ("packet-based arbitration") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/20 16:11 |
| S54 | 60 | ("packet arbitration") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/20 16:12 |
| S55 | 1693 | (address with token) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 07:20 |
| S56 | 305 | (addressed with token) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 07:20 |
| S57 | 20 | ("addressed token") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 07:49 |
| S58 | 79 | (usb with request) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 08:10 |
| S59 | 13 | (usb with arbitrat\$3) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 07:57 |
| S60 | 1 | (usb with "request access") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 08:38 |
| S61 | 0 | ((free idle) adj (token packet)) with (usb "1394")) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 08:38 |

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| S62 | 578 | ((free idle) adj (token packet))) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 08:39 |
| S63 | 28 | ((free idle) adj (token packet)) with bus) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 09:54 |
| S64 | 16920 | ((free idle) with (convert conversion))) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/25 07:17 |
| S65 | 45 | ((packet token) with (free idle) with (convert conversion)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 09:56 |
| S66 | 9 | ((free idle) adj (packet token)) with (convert conversion)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 15:10 |
| S67 | 26 | (usb with "integrated circuit") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/24 08:44 |
| S68 | 55 | pixelfusion | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 10:20 |
| S69 | 1 | (usb with "graphics processing") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 10:24 |
| S70 | 28 | (usb with graphics) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 10:39 |
| S71 | 1 | (usb with "video game") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 10:40 |

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| S72 | 4 | (usb same "video game") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 10:40 |
| S73 | 4 | ((((free idle) adj (packet token)) with (create)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 15:27 |
| S74 | 12 | ((((free idle) near (frame)) with (convert conversion)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/24 15:28 |
| S75 | 0 | (soc with usb) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/19 15:20 |
| S76 | 1 | (soc same usb) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/19 15:21 |
| S77 | 158 | (soc same "1394") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/19 15:22 |
| S78 | 0 | (soc same firewire) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/19 15:22 |
| S79 | 81 | (usb with chip) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/24 07:34 |
| S80 | 159 | ((usb "1394" firewire) same (soc system-on-chip "system on chip")) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/24 07:38 |
| S81 | 0 | ((usb "1394" firewire) and (system-on-chip "system on chip")) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/24 07:38 |

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| S82 | 1 | ((usb "1394" firewire) and (system-on-a-chip "system on a chip")) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/24 08:38 |
| S83 | 187 | ((usb "1394" firewire) and (system-on-a-chip "system on a chip")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/24 08:39 |
| S84 | 192 | ((usb "1394" firewire) with ("integrated circuit" integrated-circuit ic chip)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/24 09:44 |
| S85 | 31 | ((usb "1394" firewire) with ("internal bus")) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/24 15:29 |
| S86 | 2 | "4709364".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/24 13:56 |
| S87 | 397 | (710/113.ccls. 710/309.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/25 06:37 |
| S88 | 0 | (710/126.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/25 06:37 |
| S89 | 369 | (710/305.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/25 06:37 |
| S90 | 72 | (710/309.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/25 06:37 |
| S91 | 153 | (710/241.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/25 06:37 |

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| S92 | 343 | (710/113.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/25 06:37 |
| S93 | 545 | (710/107.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/25 06:37 |
| S94 | 449 | (709/225.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/25 06:37 |
| S95 | 151 | (709/251.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/25 06:37 |
| S96 | 47 | (709/252.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/25 06:37 |
| S97 | 120 | (709/253.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 13:48 |
| S98 | 93 | ("5490146" "4628437" "5339269" "5428753" "5452307" "5452443" "5590290" "5604874" "5657458" "5757806" "5774679" "5877770" "5896515" "6047345" "6219735" "6219735" "6266762" "5237670" "5313594" "5444858" "5577229" "5586299" "5243704" "4816826" "6088752" "6141708" "5581713" "5787095" "4378588" "4807116" "4817091" "4837767" "4858234" "5058006" "5276818" "5387784" "5404464" "5455914" "5629950" "5732244" "5745772" "5761724" "5983303" "5991843" "6029223" "6032231" "6088753" "6115756" "6182176" "6256694").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/25 12:38 |
| S99 | 283 | (710/107.ccls. and storage) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 14:49 |

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|----------|-----|--|---|----|----|------------------|
| S10 0 | 10 | "8001421" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 14:15 |
| S10 1 | 25 | "5375215" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 14:15 |
| S10 2 | 2 | "5375215".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 14:15 |
| S10 3 | 187 | (soc same "integrated circuit") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 14:56 |
| S10 4 | 35 | ((("system on a chip" "system on chip" system-on-a-chip system-on-chip) same "integrated circuit") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 15:12 |
| S10 5 | 83 | ((("system on a chip" "system on chip" system-on-a-chip system-on-chip)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 15:29 |
| S10 6 | 82 | ((("shared memory" shared-memory) same ("graphics processor" graphics-processor)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 08:04 |
| S10 7 | 2 | ((("shared memory" shared-memory) same (game with console)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 08:06 |
| S10 8 | 20 | ((("shared memory" shared-memory) same (game)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 10:07 |
| S10 9 | 94 | ((("shared memory" shared-memory) same (queue buffer fifo) same (id identification)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 10:14 |

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|----------|-----|--|---|----|----|------------------|
| S11 0 | 51 | ((("shared memory" shared-memory) same ((queue buffer fifo) with (source))) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 10:22 |
| S11 1 | 3 | ((("shared memory" shared-memory) same ((queue buffer fifo) with (source with (id identification)))) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 10:26 |
| S11 2 | 568 | ((("shared memory" shared-memory) same ((queue buffer fifo) same (read retrieve))) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 10:26 |
| S11 3 | 362 | ((("shared memory" shared-memory) same ((queue buffer fifo) with (read retrieve))) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 10:29 |
| S11 4 | 18 | ((("shared memory" shared-memory) same source same ((queue buffer fifo) with (read retrieve))) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 11:09 |
| S11 5 | 148 | ((("shared memory" shared-memory) same (multiprocessor multi-processor "multiple processor" multiple-processor) same (queue buffer fifo)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 11:28 |
| S11 6 | 1 | "4992930".PN. | USPAT; USOCR | OR | ON | 2005/02/08 11:25 |
| S11 7 | 1 | "5023776".PN. | USPAT; USOCR | OR | ON | 2005/02/08 11:25 |
| S11 8 | 1 | "5317726".PN. | USPAT; USOCR | OR | ON | 2005/02/08 11:26 |
| S11 9 | 26 | ((("shared memory" shared-memory) same (multiprocessor multi-processor "multiple processor" multiple-processor) same (access with (queue buffer fifo))) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 13:12 |
| S12 0 | 2 | ((("shared memory" shared-memory) same (split-transaction "split transaction") same (access with (queue buffer fifo))) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 13:13 |

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|----------|-----|---|---|----|----|------------------|
| S12 1 | 4 | ((("shared memory" shared-memory) same (split-transaction "split transaction") same ((queue buffer fifo))) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 13:17 |
| S12 2 | 9 | ((("shared memory" shared-memory) same (read with pending with (queue buffer fifo))) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 13:21 |
| S12 3 | 2 | "4669079".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 13:24 |
| S12 4 | 41 | "0048869" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 13:35 |
| S12 5 | 2 | "4709364".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 13:35 |
| S12 6 | 241 | (710/110.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 14:34 |
| S12 7 | 369 | (710/305.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 14:35 |
| S12 8 | 297 | (710/105.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 14:35 |
| S12 9 | 160 | (710/310.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 14:35 |
| S13 0 | 91 | (710/311.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 14:35 |

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|----------|------|--|---|----|----|------------------|
| S13 1 | 154 | (710/74.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 14:35 |
| S13 2 | 745 | (710/52.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 14:35 |
| S13 3 | 157 | (710/53.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 14:35 |
| S13 4 | 92 | (710/54.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 14:36 |
| S13 5 | 326 | (709/213.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 14:36 |
| S13 6 | 145 | (711/130.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 14:36 |
| S13 7 | 443 | (711/147.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 14:36 |
| S13 8 | 2902 | S126 S127 S128 S129 S130 S131 S132 S133 S134 S135 S136 S137 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 14:46 |
| S13 9 | 2 | "4669079".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 10:12 |
| S14 0 | 2 | (710/119.ccls. and ("unit busy" "device busy")) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 11:06 |

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|----------|-----|--|---|----|----|------------------|
| S14 1 | 1 | "4038644".PN. | USPAT; USOCR | OR | ON | 2005/04/26 09:15 |
| S14 2 | 0 | (710/119.ccls. and ("target busy")) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 09:43 |
| S14 3 | 19 | (710/119.ccls. and ("busy signal")) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 10:33 |
| S14 4 | 2 | "4709364".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 10:16 |
| S14 5 | 2 | "5375215".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 10:16 |
| S14 6 | 153 | ((("unit busy" "device busy") same (store save)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 10:34 |
| S14 7 | 35 | ((("unit busy" "device busy") same (store save) same bus) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 10:37 |
| S14 8 | 1 | (710/242.ccls. and ("unit busy" "device busy")) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 11:07 |
| S14 9 | 18 | ("4326250").URPN. | USPAT | OR | ON | 2005/04/26 13:16 |
| S15 0 | 38 | ("4669079").URPN. | USPAT | OR | ON | 2005/04/27 08:35 |
| S15 1 | 1 | "5761516".pn. | USPAT | OR | ON | 2005/04/27 08:35 |
| S20 4 | 2 | (710/119.ccls. and ("unit busy" "device busy")) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:10 |

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|----------|-----|--|---|----|----|------------------|
| S20 5 | 1 | (710/242.ccls. and ("unit busy" "device busy")) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:18 |
| S20 6 | 0 | (710/126.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:18 |
| S20 7 | 369 | (710/305.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 13:23 |
| S20 8 | 72 | (710/309.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:18 |
| S20 9 | 0 | (710/249.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:18 |
| S21 0 | 343 | (710/113.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:18 |
| S21 1 | 546 | (710/107.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:18 |
| S21 2 | 152 | (709/251.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:19 |
| S21 3 | 47 | (709/252.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:19 |
| S21 4 | 120 | (709/253.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:19 |

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|----------|--------|---|---|----|----|------------------|
| S21 5 | 449 | (709/225.ccls.) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:19 |
| S21 6 | 93 | ("5490146" "4628437" "5339269" "5428753" "5452307" "5452443" "5590290" "5604874" "5657458" "5757806" "5774679" "5877770" "5896515" "6047345" "6219735" "6219735" "6266762" "5237670" "5313594" "5444858" "5577229" "5586299" "5243704" "4816826" "6088752" "6141708" "5581713" "5787095" "4378588" "4807116" "4817091" "4837767" "4858234" "5058006" "5276818" "5387784" "5404464" "5455914" "5629950" "5732244" "5745772" "5761724" "5983303" "5991843" "6029223" "6032231" "6088753" "6115756" "6182176" "6256694").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:23 |
| S21 7 | 4 | ("read arbiter" same "write arbiter") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 13:35 |
| S21 8 | 2 | ("read bus" with (arbiter arbitration) same "write bus" with (arbiter arbitration)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 13:41 |
| S21 9 | 19 | ("read bus" same "write bus" same ("control bus" "transaction bus" "transaction control bus")) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 15:24 |
| S22 2 | 12 | ("read bus" same "write bus" same arbiter) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 07:39 |
| S22 3 | 170857 | ("read bus" and "write bus" and arbit\$4) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 07:40 |
| S22 4 | 164 | ("read bus" and "write bus" and arbit\$4) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 08:41 |

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|----------|------|---|---|----|----|------------------|
| S22 5 | 19 | ("read bus" same arbit\$4 and "write bus" same arbit\$4) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 07:42 |
| S22 6 | 1241 | (read with arbit\$4 and write with arbit\$4) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 07:42 |
| S22 7 | 1241 | ((read with arbit\$4) and (write with arbit\$4)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 07:43 |
| S22 8 | 459 | ((read with arbit\$4 same bus) and (write with arbit\$4 same bus)) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 07:46 |
| S22 9 | 177 | (read same write same split with bus) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 07:47 |
| S23 0 | 16 | (read same write same "split bus") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 07:54 |
| S23 1 | 174 | ("full duplex" same read same write) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 07:55 |
| S23 2 | 144 | ("full duplex" same arbit\$6) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 07:55 |
| S23 3 | 2 | ("full duplex" and "first arbiter" and "second arbiter") and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 07:56 |
| S23 4 | 233 | ("read bus" and "write bus" and arbit\$6) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 09:10 |

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|----------|------|--|---|----|----|------------------|
| S23 5 | 571 | ((transmi\$5 adj bus) and (rece\$5 adj bus) and arbit\$6) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 09:11 |
| S23 6 | 221 | ((transmi\$5 adj bus) same (rece\$5 adj bus) and arbit\$6) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 10:59 |
| S23 7 | 40 | ((transmi\$5 adj bus) same (rece\$5 adj bus) same arbit\$6) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 13:56 |
| S23 8 | 1 | "5925118".PN. | USPAT; USOCR | OR | ON | 2005/05/03 09:24 |
| S23 9 | 14 | ("6081860").URPN. | USPAT | OR | ON | 2005/05/03 09:25 |
| S24 0 | 32 | ("4038644" "4253147" "4384323" "4654778" "4729090" "5099419" "5131085" "5388232" "5410670" "5455912" "5469544" "5553310" "5603052" "5630096" "5649209" "5793994" "5911052" "5925118").PN. OR ("6081860").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/03 09:25 |
| S24 1 | 3371 | "1989" | IBM_TDB | OR | ON | 2005/05/03 10:59 |
| S24 2 | 468 | "1989" and september | IBM_TDB | OR | ON | 2005/05/03 10:59 |
| S24 3 | 19 | "1989" and september and dual | IBM_TDB | OR | ON | 2005/05/03 10:59 |
| S24 4 | 35 | ("graphics.controller" same master same slave) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 13:59 |
| S24 5 | 12 | (graphics.ti. same master same slave) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 13:59 |
| S24 6 | 96 | (graphics.ti. and master same slave) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 14:42 |

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|----------|-----|---|---|----|----|------------------|
| S24 7 | 87 | (game.ti. and master same slave) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/03 15:07 |
| S24 8 | 113 | (gam\$3.ti. and master and slave) and @ad<"19980918" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/04 07:45 |